**EAST Search History**

**EAST Search History (Prior Art)**

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| S1 | 1 | (tun$3 with channel) same (polyphase near mix$3) same filter same equalizer | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/08/02 19:22 |
| S2 | 2 | channel same (polyphase near mix$3) same filter same equalizer | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/08/02 19:23 |
| S3 | 2 | channel and ((polyphase near mix$3) same filter same equalizer) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/08/02 19:23 |
| S4 | 3 | ((polyphase near mix$3) same filter same equalizer) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/08/02 19:24 |
| S5 | 788 | ((mix$3) same filter same equalizer) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/08/02 19:24 |
| S6 | 97 | (mix$3 same filter same equalizer) and (tun$3 with channel) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/08/02 19:26 |
| S7 | 76 | (mix$3 same filter same equalizer) and (tun$3 with channel) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/08/02 19:27 |
| S8 | 12 | (mix$3 same filter same equalizer) same (tun$3 with channel) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/08/02 19:35 |

| S9 | 1 | ((phase near mix$3) same filter same equalizer) and (tun$3 with channel) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/08/02 19:36 |
|---|---|---|---|---|---|---|
| S10 | 7 | ((phase near mix$3) same filter same equalizer) and ( channel) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/08/02 19:42 |
| S11 | 1347 | ((phase) with delay with equaliz$3) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/08/02 19:44 |
| S12 | 0 | (poly with (phase) with delay with equaliz$3) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/08/02 19:44 |
| S13 | 5 | S6 and S11 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/08/02 19:44 |
| S14 | 251 | group near delay near equaliz$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/08/03 13:44 |
| S15 | 216 | group near delay near equaliz$3 and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/08/03 14:57 |
| S16 | 1 | ((group near delay near equaliz$3) with (transfer near function) with (pole near zero)) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/08/03 11:00 |
| S17 | 1 | (group near delay near equaliz$3) same ((transfer near function) with (pole near zero)) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/08/03 11:01 |

| S18 | 6 | (group near delay near equaliz $3) with ((transfer near function)) and (@pd< "20020704" or @ad< "20020704" or @prad< "20020704" or @rlad< "20020704") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/08/03 11:04 |
|---|---|---|---|---|---|---|
| S19 | 7 | (group near delay near equaliz $3) same ((transfer near function)) and (@pd< "20020704" or @ad< "20020704" or @prad< "20020704" or @rlad< "20020704") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/08/03 11:06 |
| S20 | 11 | (group near delay near equaliz $3) same ((transfer near function) or (pole near zero)) and (@pd< "20020704" or @ad< "20020704" or @prad< "20020704" or @rlad< "20020704") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/08/03 11:09 |
| S21 | 63 | (group near delay near equaliz $3) and ((transfer near function) or (pole near zero)) and (@pd< "20020704" or @ad< "20020704" or @prad< "20020704" or @rlad< "20020704") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/08/03 11:42 |
| S22 | 0 | (bpf same (mix$3) same sunthesiz$3) and (equaliz$3 and (anti near aliasing near filter)) and (@pd< "20020704" or @ad< "20020704" or @prad< "20020704" or @rlad< "20020704") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/08/03 11:47 |
| S23 | 0 | (bpf same (mix$3) same synthesiz$3) and (equaliz$3 and (anti near aliasing near filter)) and (@pd< "20020704" or @ad< "20020704" or @prad< "20020704" or @rlad< "20020704") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/08/03 11:48 |
| S24 | 3 | (bpf same (mix$3) and synthesiz$3) and (equaliz$3 and (anti near aliasing near filter)) and (@pd< "20020704" or @ad< "20020704" or @prad< "20020704" or @rlad< "20020704") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/08/03 11:49 |

| S25 | 278 | (bpf same (mix$3) same synthesiz$3) and (@pd< "20020704" or @ad< "20020704" or @prad< "20020704" or @rlad< "20020704") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/08/03 11:50 |
|---|---|---|---|---|---|---|
| S26 | 36 | (bpf same (mix$3) same synthesiz$3) and (equalizer) and (@pd< "20020704" or @ad< "20020704" or @prad< "20020704" or @rlad< "20020704") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/08/03 11:53 |
| S27 | 35 | (bpf same (mix$3) same synthesiz$3) and (equalizer) and channel and (@pd< "20020704" or @ad< "20020704" or @prad< "20020704" or @rlad< "20020704") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/08/03 12:46 |
| S28 | 0 | (bpf same (mix$3) same synthesiz$3) and (equalizer) and (channel near select$3 tuning) and (@pd< "20020704" or @ad< "20020704" or @prad< "20020704" or @rlad< "20020704") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/08/03 11:54 |
| S29 | 1 | (bpf same (mix$3) same synthesiz$3) and (equalizer) and (channel near (select$3 or tuning)) and (@pd< "20020704" or @ad< "20020704" or @prad< "20020704" or @rlad< "20020704") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/08/03 11:54 |
| S30 | 57867 | channel near (select$3 or tun $3) and (@pd< "20020704" or @ad< "20020704" or @prad< "20020704" or @rlad< "20020704") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/08/03 12:48 |
| S31 | 31 | S30 and S14 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/08/03 12:50 |
| S32 | 20 | S31 and (synthesiz$3 same mix$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/08/03 12:50 |
| S33 | 15625 | (plural$3 or multiple) near channel with (select$3 or tun $3 or receiving) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/08/03 13:45 |

| S34 | 15625 | ((plural$3 or multiple) near channel) with (select$3 or tun $3 or receiving) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/08/03 13:46 |
|-----|-------|------|------|-----|-----|------|
| S35 | 12324 | ((plural$3 or multiple) near channel) with (select$3 or tun $3 or receiving) and (@pd< "20020704" or @ad< "20020704" or @prad< "20020704" or @rlad< "20020704") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/08/03 13:46 |
| S36 | 7 | ((plural$3 or multiple) near channel) with (select$3 or tun $3 or receiving) and (@pd< "20020704" or @ad< "20020704" or @prad< "20020704" or @rlad< "20020704") and S14 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/08/03 13:51 |
| S37 | 9 | ((plural$3 or multiple) near channel) with (select$3 or tun $3 or receiving) and (@pd< "20020704" or @ad< "20020704" or @prad< "20020704" or @rlad< "20020704") and (bpf same mixer same synthesizer) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/08/03 13:57 |
| S38 | 0 | ((plural$3 or multiple) near channel) with (select$3 or tun $3 or receiving) and (@pd< "20020704" or @ad< "20020704" or @prad< "20020704" or @rlad< "20020704") and (bpf same mixer same equalizer) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/08/03 13:58 |
| S39 | 45 | ((plural$3 or multiple) near channel) with (select$3 or tun $3 or receiving) and (@pd< "20020704" or @ad< "20020704" or @prad< "20020704" or @rlad< "20020704") and (bpf same mixer) and equalizer | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/08/03 14:03 |
| S40 | 0 | ((plural$3 or multiple) near channel) with (select$3 or tun $3 or receiving) and (@pd< "20020704" or @ad< "20020704" or @prad< "20020704" or @rlad< "20020704") and (bpf same mixer same (pll or synthesizer)) and equalizer | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/08/03 13:59 |

| S41 | 16 | ((plural$3 or multiple) near channel) with (select$3 or tun $3 or receiving) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704") and (bpf same mixer same (pll or synthesizer)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/08/03 14:03 |
|---|---|---|---|---|---|---|
| S42 | 0 | (group near delay near equaliz $3) same ((op near amp) or (operation$3 near amplifier)) same (conductance same capacit$4) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/08/03 14:59 |
| S43 | 0 | (group near delay near equaliz $3) and ((op near amp) or (operation$3 near amplifier)) same (conductance same capacit$4) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/08/03 15:00 |
| S44 | 0 | (group near delay near equaliz $3) and ((op near amp) or (operation$3 near amplifier)) and (conductance same capacit$4) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/08/03 15:00 |
| S45 | 1 | (group near delay near equaliz $3) and ((op near amp) or (operation$3 near amplifier)) and (conductance and capacit $4) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/08/03 15:01 |
| S46 | 6 | (group near delay near equaliz $3) and ((op near amp) or (operation$3 near amplifier)) and (conductance or G) and (capacit$4 or C) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/08/03 15:02 |

| S48 | 13 | "6236847" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/01/02 19:41 |
|---|---|---|---|---|---|---|
| S49 | 2 | "6985710" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/01/02 19:41 |
| S50 | 150 | (tuning or tuner ot tun$3) with ((plural$3 or differen$3) near (channel or signal)) with (specific or particul$3 or (one of)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/01/02 20:00 |
| S51 | 6 | stikvoort and sinderen | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/01/02 19:52 |
| S52 | 315 | stikvoort | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/01/02 19:52 |
| S53 | 1 | ((tuning or tuner ot tun$3) with ((plural$3 or differen$3) near (channel or signal)) with (specific or particul$3 or (one of))) and (mixer and (delay near equaliz$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/01/02 19:59 |
| S54 | 2 | ((tuning or tuner ot tun$3) with ((plural$3 or differen$3) near (channel or signal)) with (specific or particul$3 or (one of))) and ((delay near equaliz $3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/01/02 19:58 |
| S55 | 2 | ((tuning or tuner ot tun$3) with ((plural$3 or differen$3) near (channel or signal)) with (specific or particul$3 or (one of))) and ((delay near equaliz $3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/01/02 19:59 |
| S56 | 1 | ((tuning or tuner ot tun$3) with ((plural$3 or differen$3) near (channel or signal)) with (specific or particul$3 or (one of))) and (mixer near (phase or polyphase)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/01/02 20:00 |

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|---|---|---|---|---|---|---|
| S57 | 127 | (tuning or tuner ot tun$3) with ((plural$3 or differen$3) near (channel or signal)) with (specific or particul$3 or (one of)) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/01/02 20:00 |
| S58 | 2 | ((((frequency near synthesiz $4) with (mixer or mixing or mix$3)) same (equaliz$3)) and ((pole with zero) or (transfer near function)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/01/03 17:41 |
| S59 | 46 | ((((frequency near synthesiz $4) with (mixer or mixing or mix$3)) same (equaliz$3)) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/01/03 17:45 |
| S60 | 0 | ((((frequency near synthesiz $4) with (mixer or mixing or mix$3)) same (equaliz$3)) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704") and ((((plural$3 or multiple) near channel) with (select$3 or tun $3 or receiving)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/01/03 17:43 |
| S61 | 1 | ((((frequency near synthesiz $4) with (mixer or mixing or mix$3)) same (equaliz$3)) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704") and ((((plural$3 or multiple) near channel) same (select$3 or tun$3 or receiving)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/01/03 17:43 |
| S62 | 0 | tun$3 same (if with mix$3) same (lpf or (low near if near filter)) same (delay near equaliz$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/01/07 15:32 |
| S63 | 0 | tun$3 and (if with mix$3) same (lpf or (low near if near filter)) same (delay near equaliz$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/01/07 15:32 |
| S64 | 0 | tun$3 and ((if with mix$3) same (lpf or (low near if near filter)) same (delay near equaliz$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/01/07 15:32 |

| S65 | 0 | (((if with mix$3) same (lpf or (low near if near filter)) same (delay near equaliz$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/01/07 15:33 |
|-----|---|---|---|---|---|---|
| S66 | 0 | (((if with mix$3) same (lpf or (low near filter)) same (delay near equaliz$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/01/07 15:33 |
| S67 | 0 | (((if with mix$3) same (lpf or (low near filter))) and (delay near equaliz$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/01/07 15:33 |
| S68 | 25 | (((mix$3) same (lpf or (low near filter))) and (delay near equaliz$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/01/07 15:46 |
| S69 | 751 | (((filter or bpf) same (synthesi $4 same mix$3)) and equaliz $3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/01/07 15:55 |
| S70 | 647 | (((filter or bpf) same (synthesi $4 same mix$3)) and equaliz $3 and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/01/07 15:56 |
| S71 | 96 | ((((filter or bpf) same (synthesi $4 same mix$3)) same equaliz $3) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/01/07 15:57 |
| S72 | 65 | ((((filter or bpf) same (synthesi $4 with mix$3)) same equaliz $3) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/01/07 15:57 |
| S73 | 0 | ((((filter or bpf) same (synthesi $4 with2 mix$3)) same equaliz $3) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/01/07 15:57 |

| S74 | 65 | ((((filter or bpf) same (synthesi $4 with mix$3)) same equaliz $3) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/01/07 16:23 |
|-----|-----|---------------------------------------------------|-----------------------------------|-----|-----|-----------------|
| S75 | 69 | polyphase near mixer | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/01/07 16:23 |
| S76 | 3 | (polyphase near mixer) and (group delay near equaliz$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/01/07 17:19 |
| S77 | 120 | (cable near tv) and ((bpf or (band pass)) same (synthesiz $3 or (balanc$3 near local near oscillat$3)) same (mixer or mix43)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/01/07 17:23 |
| S78 | 0 | (cable near tv) and ((bpf or (band pass)) same (synthesiz $3 or (balanc$3 near local near oscillat$3)) same (mixer or mix43) same (equaliz$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/01/07 17:22 |
| S79 | 0 | (cable near tv) and ((bpf or (band pass)) same (synthesiz $3 or (balanc$3 near local near oscillat$3)) same (mixer or mix$3) same (equaliz$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/01/07 17:23 |
| S80 | 101 | (cable near tv) and ((bpf or (band pass)) same (synthesiz $3 or (balanc$3 near local near oscillat$3)) same (mixer or mix$3)) and (equaliz$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/01/07 17:24 |
| S81 | 100 | (cable near tv) and ((bpf or (band pass)) same (synthesiz $3 or (balanc$3 near local near oscillat$3)) same (mixer or mix$3)) and (equaliz$3) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/01/07 17:24 |
| S82 | 2499 | mix$3 with frequenc$4 with bandwidth | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/01/07 17:54 |

| S83 | 1221 | tun$3 and (mix$3 with frequenc$4 with bandwidth) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/01/07 17:55 |
|-----|------|---|---|---|---|---|
| S84 | 79 | tun$3 and (mix$3 with frequenc$4 with bandwidth) and (equalizer) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/01/07 17:56 |
| S85 | 67 | tun$3 and (mix$3 with frequenc$4 with bandwidth) and (equalizer) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/01/07 17:57 |
| S86 | 16 | tun$3 and (mix$3 with frequenc$4 with low$2 with bandwidth) and (equalizer) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/01/07 17:57 |
| S87 | 16 | tun$3 and (mix$3 with frequenc$4 with (small$2 or less$2 or low$2) with bandwidth) and (equalizer) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/01/08 08:49 |
| S88 | 0 | ((intermediat$3 near frequenc $4) with (small$2 or less$2 or low$2) with (channel near bandwidth)) and ((tuner or tuning or Tun$3) same ((cable near tv) or catv)) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/01/08 08:52 |
| S89 | 0 | ((intermediat$3 near frequenc $4) with (small$2 or less$2 or low$2) with (channel near bandwidth)) and ((tuner or tuning or Tun$3) and ((cable near tv) or catv)) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/01/08 08:53 |

| S90 | 1 | (((intermediat$3 near frequenc$4) with (small$2 or less$2 or low$2) with (channel near bandwidth)) and ((cable near tv) or catv) and (@pd< "20020704" or @ad< "20020704" or @prad< "20020704" or @rlad< "20020704") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/01/08 08:56 |
|-----|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|-----|----|-------------------|
| S91 | 6 | (((intermediat$3 near frequenc$4) with (small$2 or less$2 or low$2) with (channel near bandwidth)) and (tv or catv) and (@pd< "20020704" or @ad< "20020704" or @prad< "20020704" or @rlad< "20020704") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/01/08 08:59 |
| S92 | 0 | ((((intermediat$3 or (local oscillat$3)) near frequenc$4) with (small$2 or less$2 or low$2) (than or then) with (channel near bandwidth)) and (@pd< "20020704" or @ad< "20020704" or @prad< "20020704" or @rlad< "20020704") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/01/08 09:01 |
| S93 | 0 | ((((intermediat$3 or (local oscillat$3)) near frequenc$4) with (small$2 or less$2 or low$2) with (than or then) with (channel near2 bandwidth)) and (@pd< "20020704" or @ad< "20020704" or @prad< "20020704" or @rlad< "20020704") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/01/08 09:02 |
| S94 | 0 | ((((intermediat$3 or (local near oscillat$3)) near frequenc$4) with (small$2 or less$2 or low$2) with (than or then) with (channel near2 bandwidth)) and (@pd< "20020704" or @ad< "20020704" or @prad< "20020704" or @rlad< "20020704") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/01/08 09:03 |
| S95 | 0 | ((((intermediat$3 or (local near oscillat$3)) near frequenc$4) with (small$2 or less$2 or low$2) with (than or then) with (channel with bandwidth)) and (@pd< "20020704" or @ad< "20020704" or @prad< "20020704" or @rlad< "20020704") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/01/08 09:04 |

| S96 | 0 | (((intermediat$3 or (local near oscillat$3)) near frequenc$4) with (small$2 or less$2 or low$2) with (than or then) with (bandwidth)) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/01/08 09:04 |
|-----|---|---|---|---|---|---|
| S97 | 44 | (poly-phase or (poly phase) or polyphase) with ("IF" or (intermediate near frequency)) with (mixer or mix $3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/07/23 11:31 |
| S98 | 3 | (((group near2 delay) with equaliz$4) or gde) same ((pole near zero) with one) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/07/23 15:23 |
| S99 | 43 | (((group near2 delay) or equaliz$4) or gde) same ((pole near zero) with one) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/07/23 15:24 |
| S100 | 3 | (((group near2 delay) or equaliz$4) or gde) same ((pole near zero) with symmetr$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/07/23 15:27 |
| S101 | 23 | (((group near2 delay) or equaliz$4) or gde) same (((transfer near function) or (pole near zero)) with symmetr$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/07/23 15:36 |
| S102 | 117 | ((group near2 delay) or equaliz$4 or gde) same (((transfer near function) or (pole near zero)) with (pair or symmetr$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/07/23 15:41 |
| S103 | 24 | "6266367" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/07/23 15:50 |
| S104 | 6 | "6542540" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/07/23 15:53 |
| S105 | 192 | only with one with pole with zero | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/07/23 16:01 |

| S106 | 11 | (only with one with pole with zero) and equalizer | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/07/23 16:01 |
|---|---|---|---|---|---|---|
| S107 | 232 | ((group near2 delay) or equaliz$4 or gde) same ((((transfer near function) or (pole near zero) or constellation) with (pair or symmetr$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/07/23 16:07 |
| S108 | 2 | ((group near2 delay) or equaliz$4 or gde) same ((((transfer near function) or (pole near zero) or constellation) with (pair or symmetr$4) with (positive) with imaginary) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/07/23 16:08 |
| S109 | 2 | ((group near2 delay) or equaliz$4 or gde) same ((((transfer near function) or (pole near zero) or constellation) with (pair or symmetr$4) with (positive) with axis) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/07/23 16:08 |
| S110 | 7 | ((group near2 delay) or equaliz$4 or gde) same ((((transfer near function) or (pole near zero) or constellation) with (pair or symmetr$4) with (positive)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/07/23 16:09 |
| S111 | 1 | ((real near axis) with (pole-zero or (pole zero)) with above) and equaliz$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2009/07/15 10:28 |
| S112 | 1 | ((((imagianry or real) near axis) with (pole-zero or (pole zero)) with above) and equaliz$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2009/07/15 10:30 |
| S113 | 2 | ((((imagianry or real) near axis) with (pole-zero or (pole zero)) with (along or above)) and equaliz$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2009/07/15 10:30 |
| S114 | 10 | equaliz$4 and ((imagianry or real) near axis) with (pole-zero or (pole zero)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2009/07/15 10:31 |

| S115 | 6 | ((above with (real axis)) or (along$4 near2 (upper or positive) near2 imaginary near2 axis)) with (pole-zero or (pole zero)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2009/07/15 10:43 |
|---|---|---|---|---|---|---|
| S116 | 12 | (((top or upper or above) with ((complex plane) or (real axis))) or (along$4 near2 (upper or positive) near2 imaginary near2 axis)) with (pole-zero or (pole zero)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2009/07/15 11:03 |
| S117 | 6 | ("5313398" \| "5379231" \| "5408638" \| "5537329" \| "5689685" \| "5826215").PN. | US-PGPUB; USPAT; USOCR | NEAR | ON | 2009/07/15 11:09 |
| S118 | 1 | (US-6058258-$).did. | USPAT | NEAR | ON | 2009/07/15 14:40 |
| S119 | 14 | (((top or upper or above) with ((complex plane) or (real axis))) or (along$4 near2 (upper or positive) near2 axis)) with (pole-zero or (pole zero)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2010/01/16 13:55 |
| S120 | 28 | (pole$2 near5 zero$2) with (plot or graph) with (upper or positive or imaginary or along) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2010/01/16 14:01 |
| S121 | 30 | (((pole$2 near8 zero$2) with (figure or plot or graph) with (upper or positive or imaginary or along)) and (@pd< "20020704" or @ad< "20020704" or @prad< "20020704" or @rlad< "20020704") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2010/01/16 14:03 |
| S122 | 8 | (((group near2 delay) or equaliz$4) same (((transfer near function) or (pole near2 zero) or constellation) with (pair or symmetr$4 or along$4) with (positive or +ve)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/07/16 18:21 |
| S123 | 52 | (((group near2 delay) or equaliz$4) same (((transfer near function) or (pole near2 zero) or constellation) with (positive or +ve)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/07/16 18:22 |
| S124 | 4 | ("20030020551" \| "20030095005" \| "6300849" \| "6362681").PN. | US-PGPUB; USPAT; USOCR | NEAR | ON | 2010/07/16 18:24 |

## EAST Search History (Interference)

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**7/16/2010 6:34:23 PM**
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